

#3 - Alaska - 1903.

DY 4246 - 4276.

HY 4763 - 4778.

July 11 - Aug. 6, 1903.

$$\begin{array}{r} 486 \\ 195 \\ \hline 681 \end{array}$$

$$\begin{array}{r} 486 \\ 57 \\ \hline 543 \end{array}$$

$$\begin{array}{r} 486 \\ 195 \\ \hline 681 \end{array}$$

$$\begin{array}{r} 350 - 8.36.30 \\ 1.54 \\ \hline 3.50 \end{array}$$

(2) 104m  
384  
drop  
not  
638  
2.)

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4246* Date *July 11. 03.**Tanner* Machine. Reel.Turns *118* Cor. + *5* Depth *123 fms*Shot or lead *26 lbs*Bottom *crs S, gy M, fm Sh*Bottom temperature *Broken*No. of thermometer *98239* Cor.

Corrected temperature

Air *66°* Surface *62°* Drift *N 56° W*Trawl or dredge *8" Tanner 140 fms, Runner Tail - 100 fms*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## P.M. DREDGE ROPE.

DOWN.

UP.

*P.M.* 2. 13. 30 2. 17. 30

0

2. 17. 00 3. 03. 30

2. 15. 00 2. 15. 10

100

2. 20. 30 2. 59. 00

200

2. 24. 30 2. 54. 00

250

2. 26. 20 2. 51. 45

400

time 25<sup>m</sup> 28<sup>sec</sup>

500

600

Heavy haul:

700

dead shells,

800

fish, mussels,

900

starfish, shrimps

1000

sea urchins,

1100

sea cucumbers etc

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*OK 2078 1/4*

*Kasaan Bay, Alaska -*  
*East End, Long Id., N 55° W., 3.0'*

	2500	
	2600	<i>C8-18100.</i>
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
<i>Next #4. 4763.</i>	3700	
<i>Dr. 4246.</i>	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

26. W. R.

No. *Hy* 4763 Date *July 11<sup>th</sup> 03**Tanner* Machine. Reel.

Turns 97 Cor. + 4 Depth 101 fms

~~Shot~~ or lead 26 lbsBottom *gn M, fm S, brk Sh.*

Bottom temperature 44.3

No. of thermometer 98237 Cor. - 0.2

Corrected temperature 44.1°

Air 66° Surface 62° Drift

~~Trawl or dredge~~

## PM SOUNDING WIRE.

DOWN.

UP.

TURNS.

## PM DREDGE ROPE.

DOWN.

UP.

2. 53.00 2. 57.00 0

2. 54.50 2. 54.56 100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*This also marks  
end of Dr 4246*

East End Long Is. N 52° W, 19/10'

OK  
JTB.  
7/1

	2500	
	2600	CS #8100.
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



not for record -

No. Trial Date July 11<sup>th</sup> 03

Tanner Machine. Reel.

Turns 42 Cor. + 2 Depth 44 fms

Shot or lead 26 lb

Bottom gn M. fm S. brk Sh

Bottom temperature 46.6°

No. of thermometer 98237 Cor. - 0.2

Corrected temperature 46.4°

Air 65° Surface 62° Drift

~~Trawl or dredge~~

P.M. SOUNDING WIRE.

DOWN.

UP.

TURNS.

P.M. DREDGE ROPE.

DOWN.

UP.

3.14.10

15.50

0

14.25

15.05

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

OK  
J.P.B.  
-12

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr* 4247 Date *July 11<sup>th</sup> 03*

Tanner Machine. Reel.

Turns *91* Cor. + *4* Depth *95 fms*

Shot or lead *26 lbs.*

Bottom *gn M, fine S, brk sh*

Bottom temperature *44.5°*

No. of thermometer *98237* Cor. *-0.2*

Corrected temperature *44.3°*

Air *65°* Surface *62°* Drift *1 4/10*

Trawl or dredge *8' Tanner*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*3.25.10* *3.29.00*

*3.26.00* *3.26.10*

0

100

200

*250*

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Intermediate*

*3.27.00* *3.27.00*

*107 + 4 = 111 fms*

*gn M, fine S*

*Second Intermediate*

*46.00* *3.49.30*

*6.55* *47.00*

*110 + 4 = 114 fms*

*gn M, fine S*

*Third Intermediate*

*3.47.45* *3.50.00*

*8.30* *48.35*

*102 + 4 = 106 fms*

*fine gn M, crs. br S*

*Time 18 m*

*Time to 1*

*similar to*

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hy. 4764.* Date *11 July 1902*

Tanner Machine. Reel.

Turns *96* Cor. + *3* Depth *99 fms.*

Shot or lead *26 lb*

Bottom *S. Sh.*

Bottom temperature *Therm. 60.0*

No. of thermometer *98237* Cor.

Corrected temperature

Air *65°* Surface *63°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4.12.00</i>	<i>4.57.05</i>	0		
<i>4.12.25</i>	<i>4.56.20</i>	100		
		200		
		300		
		400		
<i>Time also recorded</i>		500		
<i>and 12</i>		600		
<i>also 4245.</i>		700		
		800		
		900		
<i>Running wire</i>		1000		
<i>slow on the reel</i>		1100		
<i>and got tangled up.</i>		1200		
<i>Apparently broke</i>		1300		
<i>at 1200 and no lead</i>		1400		
<i>struck bottom.</i>		1500		
<i>Wire got badly</i>		1600		
<i>knotted. Struck</i>		1700		
<i>bottom at 80 turns.</i>		1800		
<i>but about 2 min.</i>		1900		
<i>turns reel got jammed.</i>		2000		
<i>Reel was stopped.</i>		2100		
<i>Put up the line</i>		2200		
<i>wire. About 10 fms.</i>		2300		
<i>and pulled down</i>		2400		

*and 10 fms. wire*

East End, Long. 35° 16' 9" N

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS:

Cut off bad line, but the man doing the work neglected to measure exact amount cut out. On July 23<sup>rd</sup> found amount on reel at this time to have been only 25.5 turns + Cor<sup>n</sup> of 4, or 34.9 fms. All sds changed per line on in record.



*Eastern Passage -*

*Survey 74*

*5,695 2.8*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

*28282001*

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. *4765* Date *4/1*  
*Machine.* *Reel.*  
 Turns *26* Cor. + *1* Depth *67*  
~~Shot~~ or lead *26 lbs*  
 Bottom *gy m*  
 Bottom temperature *43.5°*  
 No. of thermometer *98237* Cor. *-0.2*  
 Corrected temperature *43.3°*  
 Air *56°* Surface *55°* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.22.20</i>	<i>9.25.00</i>	0		
<i>23.14</i>	<i>9.23.15</i>	100		
		200		
		300		
		400		
		500		
<i>24.48</i>		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Survey 25 N 117 W 23

	2500	(7)
	2600	
2700		08 15 820 0
2800		
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600		
3700		
3800		
3900		
4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D 4249* Date *July 12 1881*Tanner *Machine.* Reel.Turns *78* Cor. + *1*Depth *79 fms*Shot or lead *26 lbs*Bottom *gy M*Bottom temperature *43.6*No. of thermometer *98527*Cor. *-0.2*Corrected temperature *43.6**1811°C*Air *56* Surface *52*Drift *7/10*Trawl or dredge *5' 1/2' Tanner dredge*

AA SOUNDING WIRE.		TURNS.	AM DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.31.50</i>	<i>9.36.00</i>	0	<i>9.34.00</i>	<i>10.07.10</i>
		100	<i>39.15</i>	<i>08.00</i>
		150		
		200	<i>40.40</i>	<i>10.00.50</i>
		300	<i>50.00</i>	<i>20.00</i>
		400		
		500		
		600		
<i>"St. Pierre Vine"</i>		700		
<i>"Water Grackles"</i>		800		
<i>"on surface"</i>		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Union of Id. / N 61° W., 5 <sup>3</sup>/<sub>10</sub>'

FL  
N 61° W.  
5 <sup>3</sup>/<sub>10</sub>'

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

28482

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4765 Date

Tanner Machine. Reel

Turns 69 Cor. + 1

Depth 70 fms

Shot or lead 26 lbs

Bottom gy. M.

Bottom temperature 43.2°

No. of thermometer 9853

Cor. - 0.2

Corrected temperature 43.0°

Air 56° Surface 55° Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
10. 02. 50	10. 07. 00	0		
04. 00	10. 04. 10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

This also marks end of Dr

11.2.49

Swampy Bay, N. 50° W., 6.0°

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dt* 4250

Date

13 11 3

Tanner

Machine.

Reel.

Turns 65 Cor. + 1

Depth 66 fms

Shot or lead 26 lbs

Bottom gy M

Bottom temperature 43.0

No. of thermometer 98237

Cor. - 0.2

Corrected temperature 42.8

Air 56 Surface 53

Drift 5

Trawl or dredge 8' Tanner as 5.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

10 14.40 10.20

0

10 16.50 10 50.30

16 50 17.00

100

11.00 44.45

200

11 45 10 43.05

300

20 20 20 20

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

White brackish  
on surface "

7

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. *Hy 4-61*

Date

*July 13-1903*

Machine.

Reel.

Turns *60* Cor. + *1*Depth *61 fms*~~Shot~~ or lead *26 lbs*Bottom *gy. M.*Bottom temperature *43.5°*No. of thermometer *98237* Cor. *-0.2*Corrected temperature *43.3°*Air *56°* Surface *56°* Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*10 45 10.51.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Dr 4:00  
and forenoon's  
work*

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Franklin*  
 No. *4528* Date *14 July, 1903.*  
*Tanner* Machine. Reel.  
 Turns *58* Cor. + *1* Depth *59 fms.*  
 Shot or lead *26 lb*  
 Bottom *No specimen (1-kg)*  
 Bottom temperature *40.7*  
 No. of thermometer *98287* Cor. *-0.2*  
 Corrected temperature *40.5*  
 Air *54* Surface *51* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.44.10</i>	<i>7.45.30</i>	0		
<i>7.44.50</i>	<i>7.45.15</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Stephens Passage

Hugh Point,

S 59° W. 3<sup>5</sup>/<sub>10</sub>'

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

2041200.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4251* Date *14 Aug 1902*  
*Tanner* Machine. Reel.  
 Turns *195* Cor. + *3* Depth *198 fms.*  
 Shot or lead *26 lb*  
 Bottom *key -*  
 Bottom temperature *41.1*  
 No. of thermometer *98237* Cor. *-0.2*  
 Corrected temperature *110.1* *{ S 39.9*  
 Air *54°* Surface *51°* Drift *4110'*  
 Trawl or dredge *8' Tanner, 14' 8' Simon, 14' 8' and 14' 8' 1/2*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>4.52.15</i>	<i>8.02.10</i>	0	<i>8.02.20</i>	<i>8.02.20</i>
<i>57.20</i>	<i>8.00.35</i>	100	<i>8.01.20</i>	<i>4.02.20</i>
<i>7.57.30</i>	<i>7.59.05</i>	200	<i>8.02.20</i>	<i>4.02.20</i>
		300	<i>12.20</i>	<i>3.02.20</i>
		<i>388</i>	<i>8.05.20</i>	<i>8.35.20</i>
		500		
		600	<i>2.02.20</i>	
		700		
		800	<i>10.02.20</i>	<i>6.02.20</i>
		900	<i>one turn, with</i>	
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

August 2, 1900, 571° 24. 3 <sup>4</sup>/<sub>10</sub>

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

CS 40200.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

4769

Date

14 July 03

Machine.

Reel.

Turns 195 Cor. +

3

Depth

198 fms

Shot or lead

26 lb

Bottom

gy. M.

Bottom temperature

46.1

No. of thermometer

98237

Cor. -0.2

Corrected temperature

48.9°

Air

54°

Surface

51°

Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

8.47.10 8.52.00

0

49.10 51.05

100

8.49.20 8.49.25

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Deep Sea Soundings*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 4252 Date 14 July, 03.

Tanner Machine. Reel.

Turns 195 Cor. + 3 Depth 198 fms.

~~Shot or lead~~ 26 lb

Bottom gy. M.

Bottom temperature 41.

No. of thermometer 98237. Cor. -0.1

Corrected temperature 40.9

Air 77 Surface 52 Drift 4.0

Trawl or dredge 8' Tanner, mud dredge.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

9.01.55	9.09.10	0	9.06.55	9.22.40
02.45	05.00	100	10.15	10.10
9.03.20	9.03.40	200	13.40	16.10
		300	17.25	19.15
		375	9.20.00	9.40.15
		400		
		500		
		600	20 min.	
		700		
		800		
		900	2 min. 10 sec.	
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Handwritten: 14800/3200*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. / Reel.

Turns 198 Cor. + 3

Depth 201 fms.

Shot or lead 26 lb

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air 51 Surface 52 Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

9.42.45 9.49.30

42.20 47.00

9.44.20 9.49.35

Also made out

42.52.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Deep Sea, N 81° W 45'*

*Up 100 f  
R 4*

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

*282001*

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *1052* / Date *14 July 1892*  
*Tanner* Machine. / Reel  
 Turns *26* Cor. + *3* Depth *188 fms*  
 Shot or lead *26 lb*  
 Bottom *R. bk. Sh.*  
 Bottom temperature *41.*  
 No. of thermometer *9873* Cor. *-*  
 Corrected temperature *40.9°* (Const *0.1*)  
 Air *54* Surface *52* Drift *2.0*  
 Trawl or dredge *8' Tanner beam trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.52.20</i>		0	<i>10.53.30</i>	
<i>51.10</i>	<i>53.55</i>	100	<i>56.20</i>	<i>29.00</i>
<i>10.51.30</i>	<i>10.51.35</i>	200	<i>10.50.20</i>	<i>28.15</i>
		300	<i>11.04.10</i>	<i>11.20.20</i>
		400		
		500	<i>16 min</i>	
		600		
<i>Intermittent</i>		700		
<i>Sdr:</i>		800		
<i>11.04 - 131 fms.</i>		900	<i>11.05.00 - 131 fms. Sh. M. G.</i>	
		1000		
		1100		
		1200		
		1300		
<i>Trawl</i>		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Station 131

N 52° E. 17.2'

	2500	
	2600	0.57
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

131  
131

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4771* Date *19 July 02*  
*Tanner* Machine. Reel.

Turns *2* Cor. + *2* Depth *136 fms*

~~Shot or lead~~ *26 lb*

Bottom *5 km s.l. R.*

Bottom temperature *40.7*

No. of thermometer *9273* Cor. *-0.2*

Corrected temperature *40.50*

Air *55* Surface *51* Drift

~~Trawl or dredge~~

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>11.22.05</i>	<i>11.25.20</i>	0
<i>11.23.00</i>	<i>11.26.00</i>	100
<i>11.24.00</i>	<i>11.27.00</i>	200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

Thistle Bay, 30th Nov 1921

116  
9210  
-4  
1

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

486  
34

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 4254 Date May 16 1902

Machine. Reel.

Turns 44 Cor. + 1 Depth 45 fms

Shot or lead 26 lbs

Bottom gn M

Bottom temperature 40.2

No. of thermometer

Cor. -0.2

Corrected temperature

40°

(850, 4, 10)

Air

Surface

Drift

Trawl or dredge

Sinker 40 lb Runner and 25 lb

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

13.13	0.14.45	0	10 14.10	41.40
13.54	13.55	80	17.15	10.37.30
		200	20.50	15.15
		300		
		400	Sinker clean haul	
		500	and	
		600	some 3 lb. lead	
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Station 3417

Main Deck. S 63° E 3<sup>2</sup> 10'

OK  
10/1/07  
10/1/07

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

128483.3

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 554 4772 Date / 12 18

Panner Machine. Reel.

Turns 50 Cor. + 1 Depth 51 fms

Shot or lead 26 lbs

Bottom gn M

Bottom temperature 40°

No. of thermometer 98237 Cor. -

Corrected temperature 40°

Air 57° Surface 51° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10. 38. 30	10 40 20	0		
39. 10	39. 5	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Station 1000, 61° 5', 25' 10"

	2500	
	2600	C8-8303.
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

April

No. 4255 Date 16 July 1903

Tanner Machine. Reel.

Turns 243 Cor. + 4 Depth 247 fms

Shot or lead 26 #

Bottom (no specimen) rky.

Bottom temperature 36.8

No. of thermometer 98237 Cor. -

Corrected temperature 36.8°

Air 60° Surface 53° Drift 3/10'

Trawl or dredge 8' Tanner

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12. 51.40	12. 57.00	0	12. 53.15	1. 35.50
52.20	56.55	100	57.25	32.50
53.05	54.05	200	1. 01.30	29.50
12. 52.35	12. 52.40	300	04.00	26.30
		400	1. 01.55	1. 21.55
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Call 1.0.6

Taiya Inlet

89° 21' 8 1/10'

June 1882

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

5255  
4773

486  
243  
243

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

16 July 1902

Tanner Machine. Reel

Turns 255 Cor. +

4

Depth 259 fms

Shot or lead 26 lb

Bottom x)

Bottom temperature 36.8

No. of thermometer 98237 Cor. —

Corrected temperature 36.8°

Air 60° Surface 53° Drift

~~Trawl or dredge~~

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

1. 29.20 1.38.20

0

30.30 36.05

100

31.30 33.30

200

1. 32.00 1.32.05

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

x) While 100 fms.

out this reel

reel and then

and there was no

bottom specimen

taken. At 1000 yds.

lead came up.

Main Deck, S. 90° W. 6 3/10'

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
460	3900	
255	4000	
121		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



*Amfil*

No. *4256* Date *16 July 1903*

Tanner Machine. Reel

Turns *72* Cor. + *1* Depth *73 fms*

Shot or lead *26 lb*

Bottom *gy. st.*

Bottom temperature *38.5*

No. of thermometer *78237* Cor. *—*

Corrected temperature *38.5* *(51.9)*

Air *61°* Surface *58°* Drift *1 10'*

Trawl or dredge *8' Tanner*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*7 29 20*

*2 21.55*

*0*

*2 20 20 3 00.10*

*7 30.55*

*2 20.10*

*100*

*32.50 16.50*

*125*

*2 35 10 2 55 10*

*300*

*400*

*500*

*600*

*700*

*800*

*900*

*1000*

*1100*

*1200*

*1300*

*1400*

*1500*

*1600*

*1700*

*1800*

*1900*

*2000*

*2100*

*2200*

*2300*

*2400*

*Good haul*

Chilkoot Inlet,  
Indian Creek. N 3076. 2.0'

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

CS#8303.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *H/ 4774*Date *16 June 1922*

Tanner

Machine.

Reel.

Turns *71* Cor. + *1*Depth *72 fms*Shot or lead *26 #*Bottom *S. M.*Bottom temperature *38.3*No. of thermometer *98237* Cor. *-*Corrected temperature *38.3*Air *62°* Surface *59°* Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

*2.56.25* *2.57.10**2.57.10* *2.57.15**This mark and all**above 4256*

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Labiau Rock, N 290° W, 1<sup>5</sup>/<sub>10</sub>'

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

C88303.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507  
H.W.R.

No. 4257 - Dr. Date

Tanner Machine. Reel.

Turns Cor. +

Depth 350 fms

Shot or lead 26 lbs lost

Est. from

Bottom May

Bottom temperature

No. of thermometer 98237 lost Cor.

Corrected temperature

Air 64°

Surface 50°

Drift

0.6

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1. 51.40	" more "	0	1. 51.50	3. 08.50
53.00	" more "	100	2. 02.50	0. 0. 0
54.30		150	06.40	3. 01.45
55.50		200	10.30	57.50
1. 57.00		250	14.30	54.00
		300	18.25	50.00
		350	22.10	46.00
		400		
		450		
		500		
		550		
		600		
		650		
		700		
		750		
		800		
		850		
		900		
		950		
		1000		
		1050		
		1100		
		1150		
		1200		
		1250		
		1300		
		1350		
		1400		
		1450		
		1500		
		1550		
		1600		
		1650		
		1700		
		1750		
		1800		
		1850		
		1900		
		1950		
		2000		
		2050		
		2100		
		2150		
		2200		
		2250		
		2300		
		2350		
		2400		

end of wire on reel  
carried away  
the amount of wire  
being 305 turns  
only, and 486 as  
had been taken for ground  
26 lbs No lead and  
thermometer 98237  
also 309 fms wire

rapidly under a  
strong N.W. wind  
the wire parted  
at 45 drops to  
starboard and  
4 drops to  
beam, when the  
reel suddenly  
appeared down end  
of wire and instantly  
the wire snapped  
that all was over

Lower ...  
 Clear Point, N 63° E, 12 1/2'

OK  
 J. W. S.

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

6542302

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

After towing wire ...  
 cleaned up bed and equipped it with  
 650 fathoms of #11 wire, ...  
 used for the ...  
 ...  
 ... which "will be ..."

No. *Dr 4058*

Date

*23 03*

Machine.

Recl.

Turns

Cor. +

Depth

*(200 fms)*

Shot or lead

*from chart*

Bottom

*mud*

Bottom temperature

No. of thermometer

Corrected temperature

*no therm Cor.*

Air

Surface

Drift

*7/10'*

Trawl or dredge

*3' 5" 140'*

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## PM DREDGE ROPE.

DOWN.

UP.

0

*3 27.30**4.14.00*

100

*1. 30**38.10*

150

*2. 45**33.30*

200

*4. 10**29.50*

300

*5. 25**26.30*

400

*10. 30**22.50*

500

*2. 15**19.10*

550

*4. 30**15.30*

600

*5. 50**11.50**3. 47. 45**7. 14. 30*

700

800

*27. 30*

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Clear Point, N 16° E.,  $\frac{38}{10}$

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

284002-

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No.

(Intern)

Date

July 23 '03

Machine.

Reel.

Turns 22 Cor. +

Depth 300 fms.

Shot or lead 25#

Bottom shd.

Bottom temperature (failed to read)

No. of thermometer 78240 Cor.

Corrected temperature

Air 63 Surface 65 Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

4. 09.25 4. 16.30 0

09.20 15.10 100

10.15 13.10 200

11.10 4. 11.20 300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

~~Also marks~~~~and~~~~11.42.58.~~

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. Reel.

Turns 306 Cor. +

Depth 313

~~Shot or lead~~ 26

Bottom

Bottom temperature

No. of thermometer

Cor. +0.2

Corrected temperature

Air

Surface

Drift

~~Trawl or dredge~~

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
4.29.25	4.41.01	0		
30.10	38.15	100		
30.50	35.20	200		
4.31.40	4.32.00	300		
		400		
		500		
		600		
	4.42.58	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Clear Point, N 20° W. 5/25

	2500	
	2600	CS 4150
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Sunday, May 2

No. 4259 Dr Date July 24/87

Machine. Reel.

Turns 75 Cor. + 3

Depth 78 fms

Shot or lead 24 lbs

Bottom brk Sh, R, S.

Bottom temperature 44.5

No. of thermometer 2042

Cor. + 0.2

Corrected temperature 44.7°

N 16° W

Air 62° Surface 50°

Drift 1/10'

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE. A.M.

DOWN.	UP.	TURNS.	DOWN.	UP.
1. 40.30	43.50	0	1. 42.00	2. 08.20
1. 41.10	41.15	50	5.00	
		100	47.00	2.05.00
		148	49.00	1.58.00
		200		
		175	1. 55.00	
		300		
		400		
		500		
		600		
		700	1.52 lit. ship tank	
		800	1.55 Bridge pulling in	
		900	spasms	
		1000	Drift net coming	
		1100	down in lead	
		1200	to back of net	
		1300	last 50 m	
		1400		
		1500	Small net	
		1600	Some net up	
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Dundas Bay - Day 10

J. Hamilton

S 46° W. 10'

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

0828050

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4260* Date *Feb 24 20*

Tanner Machine. Rect.

Turns *20* Cor. + *1* Depth *21*

Shot or lead *24 lbs*

Bottom *R, crs S.*

Bottom temperature *44.0*

No. of thermometer *98248* Cor. *70.2*

Corrected temperature *44.2* *CN 160W*

Air *59°* Surface *51°* Drift *1/10'*

Trawl or dredge *8' Tanner*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2. 24. 30	2. 26. 00	0	2. 25. 00	2. 44. 00
24. 15	24. 20	40	27. 00	42
		200	Time	15 <sup>m</sup>
		300		
		400		
		500		
		600		
2. 43. 00	2. 45. 00	700		
		800		
~ 47. 00	15. 00	900		
9 <sup>m</sup> 12 <sup>m</sup>	15 turns	1000		
		1100		
		1200		
2. 47. 00	12 <sup>m</sup>	1300		
2. 48. 00	10 1/2 "	1400		
49. 00	10 "	1500		
50. 00	9 1/2 "	1600		
40	9 1/2 "	1700		
51. 20	9 1/2 "	1800		
52. 00	9 "	1900		
3. 00	8 1/2 "	2000		
		2100		
		2200		
		2300		
		2400		

Pt. Mendenhall, S 25° 00' E, 2 1/2'

OK JTB JTB	2500	C8#8050.
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. 2712

Date Aug 20 03

Machine.

Reel.

Turns ..... Cor. + ..... Depth 10 fms

Shot or lead 12 lbs Hand L

Bottom gn. M. sly.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 59° Surface 51° Drift 1° 10'

Trawl or dredge 8' Tanner as before

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

2.57.00 3.20.30

19

2.59.00 3.19.00

200

300

Time 20 m

400

500

Small haul

600

some small fish

700

some sea urchins

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Pt. Hamilton, S. 40° N., 71° 10'

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507-1  
H. W. F.

No. *Dr 4262* Date *July 24 03*

*Hand Line* Machine. Reel.

Turns Cor. + Depth *9 fms*

Shot or lead *12 lb Hand lead*

Bottom *cs. S. M.*

Bottom temperature

No. of thermometer } *none* Cor.

Corrected temperature

Air *59°* Surface *51°* Drift *1/10*

Trawl or dredge *8' Tanner as before*

SOUNDING WIRE:

DOWN. UP.

TURNS.

DREDGE ROPE.

DOWN. UP.

		0	3.26.30	36.00
		<del>20</del>	3.27.25	3.34.30
		200		
		300	<i>Time 7.10 30s</i>	
		400		
<i>3.28.00</i>	<i>7 1/2 fms</i>	500		
<i>32.00</i>	<i>8 "</i>	600		
	<i>9 "</i>	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Dr. T. M. H. S. 10' 11. 4/10'*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

*CS 1051*

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4262* Date *July 24 '03*  
*Machine.* *Reel.*  
 Turns *Cor. +* Depth *9 fms -*  
 Shot or lead *12 lb hand lead*  
 Bottom *crs S mgy*  
 Bottom temperature  
 No. of thermometer *576071* Cor.  
 Corrected temperature  
 Air *53°* Surface *51°* Drift *1/10'*  
 Trawl or dredge *8' Tanner as before*

SOUNDING WIRE.		TURNS.	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
<i>Hand lead</i>		0	<i>3. 40.30</i>	<i>3. 53.00</i>
<i>Polythene</i>		<i>20</i>	<i>3. 42.10</i>	<i>3. 51.45</i>
		200		
<i>3. 40.00</i>	<i>9 "</i>	300	<i>3. 44.00</i>	<i>3. 49.30</i>
<i>45.00</i>	<i>7 "</i>	400		
<i>50.00</i>	<i>6 1/2 "</i>	500		
<i>55.00</i>	<i>6 1/2 "</i>	600		
<i>58.00</i>	<i>6 1/2 "</i>	700	<i>at</i>	
<i>59.15</i>	<i>6 1/2 "</i>	800	<i>3. 50.15</i>	<i>4. 14.30</i>
<i>11. 00.</i>	<i>6 3/4 "</i>	900	<i>3. 52.45</i>	<i>4. 12.30</i>
<i>11. 05.</i>	<i>6 3/4 "</i>	1000		
<i>11. 10.</i>	<i>7 1/2 "</i>	1100	<i>16-min</i>	
<i>11. 15.</i>	<i>8 "</i>	1200		
<i>And this Sta.</i>		1300	<i>Not nearly torn</i>	
		1400	<i>into 2nd haul.</i>	
		1500	<i>had gone in the</i>	
		1600	<i>bottom just before</i>	
		1700	<i>leaving in, ascending.</i>	
<i>x) Trawl had nearly</i>		1800	<i>After reaching at</i>	
<i>been inside our surface</i>		1900	<i>small 5' from 1800.</i>	
<i>on water - not taken</i>		2000		
<i>Sound - when lowered again</i>		2100		
		2200		
		2300		
		2400		

St. Lawrence, 52071, 4/10

65  
66  
67

0.5 0.5 0.5

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4264. Date 25 Feb 1902

Tanner Machine. Reel.

Turns 216 Cor. + 7 Depth 223 fms.

Shot or lead 26 lb

Bottom *fine sand, green M.*

Bottom temperature

No. of thermometer } *no therm.* Cor.Corrected temperature *(N 30° E)*Air 54 Surface 57 Drift *5/10'*

Trawl or dredge 8' Tanner, sinker, tail and runner weights.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

2.58.10	2.49.40	0	2.49.30	3.52.00
39.20	49.10	100	49.10	49.10
40.20	49.35	150	49.10	49.10
2.41.40	2.49.35	200	50.00	49.25
		300	50.15	49.15
		400	50.25	49.15
		500	50.35	49.15
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*20-min.*

*Sliding sinker on  
part sink became  
unbalanced and sink  
down into the  
accumulation. Sink  
was not broken to  
pieces.*

*Chatham Strait, of Frederick Bay.*  
*North Pacific Point, N 50° W. 3.0'*

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

48300-

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No.

Date

✓

Anner Machine.

Reel

Turns 275 Cor. +

7

Depth 282 fms.

Shot or lead

36 lb

Bottom

gn.

Bottom temperature

40.0

No. of thermometer

98542

Cor. +0.2

Corrected temperature

41.1°

Air

✓8

Surface

✓7

Drift

Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

3.35.30

3.42.25

0

36.15

37.50

100

37.40

39.45

200

3.47.15

3.52.15

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Daily Pressure, 1872-71, 3.0'

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

CS: 8300.

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Trial* Date *July 31 05*  
*Tanner* Machine. Reel.  
 Turns *198* Cor. + *6* Depth *204 fms.*  
 Shot or lead *24 lbs*  
 Bottom *gn M, for brk Sp*  
 Bottom temperature *42°*  
 No. of thermometer *98248* Cor.  
 Corrected temperature  
 Air *53°* Surface *53°* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>J.M.</i>				
<i>9.20 = 10</i>	<i>9 26 30</i>	0		
<i>45</i>		100		
<i>22.20</i>	<i>22.50</i>	200		
		300		
		400		
<i>"Tanner" Trial</i>		500		
<i>9 47.10</i>	<i>10.04</i>	600		
<i>8.15</i>	<i>100 10.02.00</i>	700		
	<i>200-10.00.30</i>	800		
<i>58.50</i>	<i>200 9.57</i>	900		
<i>1 40</i>	<i>400 9.54.30</i>	1000		
<i>52</i>	<i>500 100 9.52</i>	1100		
<i>Temp. time 38°</i>		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

6K 150 70 100 47 Dr		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
	47 77 4.64	3800	
		3900	
		4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4265 Date July 31-03

Sigsbee Machine #1

Turns 541 Cor. + 49 Depth 590

Shot or lead 36 lbs

Bottom gy. m.

Bottom temperature 38°

No. of thermometer 98248 Cor. + 0.2

Corrected temperature 38.2°

Air 53° Surface 53° Drift 1.0

Trawl or dredge 8' 4" 1/2

# SOUNDING WIRE.

DOWN.

UP.

TURNS.

# DREDGE ROPE.

DOWN.

UP.

10.06	10	10 25 50	0	10 54.15	12. 11. 15
8.05		24. 35	100	38. 15	12. 10
1. 18		23. 00	200	42. 50	04. 30
11. 45		22. 00	300	46. 25	12. 03. 25
13. 33		20. 40	400	49. 00	25. 10
15. 0		19. 40	500	52. 30	25. 05
16. 30	10.19. 00		550	55. 00	25. 00
			600	58. 30	25. 00
541 turns			700	11. 00. 10	11. 20. 10
			750		
			800		
			850		
			900		
			1000		
			1100		
			1200		
			1300	Heavy	
			1400		
			1500		
			1600		
			1700	11. 20	
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

Lost the front frame and runner  
- 1st round under way, and with  
from bottom.

To terminal sounding at this  
station.

Off Sitka Sound  
Cape Edgecombe, N 69° E., 11.0

62  
1110  
27

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

0850151

43.10  
54.1  
3769

20.5  
15.6  
49  
54.1  
21.0

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *H-4777* - Date *31 July, 1903**Tanner* Machine. ReelTurns *91* Cor. + *4* Depth *95 fms.*~~Shot or lead~~ *26 lb*Bottom *gy. S. wt. Sp. P.*Bottom temperature *42.1*No. of thermometer *98248* Cor. *+0.2*Corrected temperature *42.3°*Air *62°* Surface *56°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.56.30</i>	<i>12.57.40</i>	0		
<i>57.30</i>	<i>57.45</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

6  
 4 ft 3 in. N 87° E 6.0'

GIC  
 11.0  
 7

	2500	
/	2600	C848000-
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
1215	3900	
20.5	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. *4255*. Date *21 July 1903*Machine. *Sigsbee* Reel. *1000*Turns *317* Cor. + *37* Depth *349 fms.*Shot or lead *36 lb*Bottom *gy & sm. M. M.*Bottom temperature *39°*No. of thermometer *98248* Cor. *-0.2*Corrected temperature *39.2°* (*310 = 2*)Air *62°* Surface *56°* Drift *7/10'*Trawl or dredge *8' 1/2* No. *5100* Name *Lucy*

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<i>1. 22.20</i>	<i>1. 22.40</i>	<i>0</i>	<i>1. 44.10</i>	<i>2. 54.30</i>
<i>24.20</i>	<i>31.30</i>	<i>100</i>	<i>45.00</i>	<i>25.15</i>
<i>25.20</i>	<i>30.20</i>	<i>200</i>	<i>48.40</i>	<i>31.20</i>
<i>26.30</i>	<i>29.50</i>	<i>300</i>	<i>52.00</i>	<i>27.10</i>
<i>1. 16.40</i>	<i>1. 28.30</i>	<i>317</i>	<i>55.10</i>	<i>23.20</i>
		<i>400</i>		
		<i>500</i>	<i>57.30</i>	<i>18.25</i>
		<i>525</i>	<i>2. 00.20</i>	
		<i>600</i>		<i>2. 16.30</i>
		<i>545</i>		
		<i>700</i>		
		<i>800</i>	<i>16 min</i>	
		<i>900</i>		
		<i>1000</i>	<i>Heavy strain;</i> <i>ran out to</i> <i>545 fms. After</i> <i>heaving in there</i> <i>were several severe</i> <i>jerk on accumulation</i> <i>upto 250 fms.</i>	
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>	<i>wrecked.</i>	
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>	<i>No further work at</i> <i>this station</i>	

Cape Edgecumbe, Krsg. E., 1885

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
4310	205	3500	
317	173	3600	
<u>3495</u>	<u>32</u>	3700	
	<u>217</u>	3800	
	<u>349</u>	3900	
		4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS:

Net wrecked but may be repaired - but been a fair to moderate badly twisted and bent -

*HW*

No. *4257* Date *31 July*  
*Sigsbee* Machine. #1 Reel. *Nav.*  
 Turns *48* Cor. + *74* Depth *922 fms*  
 Shot ~~steel~~ *35 lbs*  
 Bottom *gt gy*  
 Bottom temperature *36.1°*  
 No. of thermometer *98249* Cor. *+0.1*  
 Corrected temperature *36.2°* (*31.99° N*)  
 Air *59°* Surface *58°* Drift *1/10'*  
 Trawl or dredge *8' Tanner*

SOUNDING WIRE. <i>P.M.</i>		TURNS.	DREDGE ROPE. <i>P.M.</i>	
DOWN.	UP.		DOWN.	UP.
<i>4.25.20</i>	<i>4.45.00</i>	0	<i>4.51.00</i>	<i>4.48.00</i>
<i>6 15</i>	<i>44.20</i>	100	<i>54.45</i>	<i>44.00</i>
<i>7 10</i>	<i>44.00</i>	200	<i>58.30</i>	<i>39.50</i>
	<i>42.05</i>	300	<i>5 08.15</i>	<i>36.40</i>
<i>8 50</i>	<i>42.05</i>	400	<i>05.30</i>	<i>33.10</i>
<i>30.00</i>	<i>41.05</i>	500	<i>08.30</i>	<i>30.50</i>
<i>1 15</i>	<i>40.00</i>	600	<i>11.45</i>	<i>28.10</i>
<i>2 30</i>	<i>4.38.50</i>	700	<i>14.00</i>	<i>22.20</i>
<i>34.07</i>	<i>37.02</i>	800	<i>16.40</i>	<i>18.50</i>
<i>down 848 fms</i>		900	<i>19.50</i>	<i>13.30</i>
	<i>4.35.58</i>	1000	<i>21.55</i>	<i>08.30</i>
		1100	<i>24.00</i>	<i>04.05</i>
		1200	<i>26.10</i>	<i>6 10 10</i>
		1300	<i>28.20</i>	<i>56.10</i>
		1400	<i>30.40</i>	<i>5.51.30</i>
		1500		
		1600	<i>20 3/4</i>	
		1700		
		1800	<i>Small haul</i>	
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Edgecumbe, 174° E, 21.0'

4310  
848  
3462

205  
131  
74  
848  
922

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507  
*Am...*

No. *Dr. 4268* Date *3 August, 1902*

*Tanner* Machine. Reel.

Turns *16* Cor. + *0* Depth *16 fms.*

Shot or lead *26 lb*

Bottom *gy S. bk. S.*

Bottom temperature *51.0*

No. of thermometer *98248* Cor. *-0.1*

Corrected temperature *50.9°*

Air *57°* Surface *54°* Drift *5 10'*

Trawl or dredge *8' Trawl, sinker, runner and tail*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.55.40</i>	<i>1.56.20</i>	0	<i>1.58.00</i>	<i>2.18.55</i>
		<del>30</del>	<i>1.59.10</i>	<i>2.17.55</i>
		200		
<i>Intermediate Sdgs.</i>		300	<i>19 min</i>	
<i>Lead</i>		400		
<i>2.13</i>	<i>17 1/2 fms.</i>	500	<i>fair haul</i>	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Admiral's Log*  
*Speed 10 knots* *Direction 1.9*

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
4310	205	3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507  
Apr 11

No. *Dr. 4269*. Date *3 Feb. 02*

*Hand lead* Machine. Reel.

Turns *Cor. +* Depth *14 1/2 fms.*

~~Shot or lead~~ *14 R.*

Bottom *h.d. gy S R*

Bottom temperature

No. of thermometer *Co. therm.* Cor.

Corrected temperature

Air *57°* Surface *54°* Drift *5 10*

Trawl or dredge *8' Trawl as before.*

SOUNDING WIRE.

DOWN. UP.

*2.24.30*

*(14 1/2 fms)*

*Dr. 4268.*

*(doesn't!)*

*Intermediate Sigs.*

*Hand lead:*

*2.31.25 19 fms.*

*2.37. 17 1/2 "*

*2.44. 13 "*

*Hand lead 13 "*

*Hand lead 13 "*

*Hand lead 13 "*

*2.57 13 fms*

*3.04 14 "*

TURNS.

DOWN. UP.

*0*

*30*

*100*

*35*

*200*

*70*

*400*

*500*

*600*

*700*

*800*

*900*

*1000*

*1100*

*1200*

*1300*

*1400*

*1500*

*1600*

*1700*

*1800*

*1900*

*2000*

*2100*

*2200*

*2300*

*2400*

DREDGE ROPE.

DOWN. UP.

*2.27.20 3.00*

*28.20*

*29.15*

*22 Min.*

*Heavy strain (and the 6th and) on accumulator. Pairs out to 700 fms. away.*

*1 Runner slightly bent*

*Reel bolts in contact for hours. Noisy. Unbent trawl frame for repairs.*

*fair haul.*

Point Liqueur, 58207/1, 15/10

113		2500	Surf C. } 1400 - Surface
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. *Dr. 4270* Date *3 Aug. 03**Hand lead Machine.* Reel.

Turns Cor. +

Depth *14 fms*Shot or lead *14 lb*Bottom *hd. g.*

Bottom temperature

No. of thermometer *116* Therm. Cor.

Corrected temperature

Air *56°* Surface *53°* Drift *1/2'*Trawl or dredge *9' Trawl, Sinker, etc. and ...*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

~~(3.18)~~*3.18 = 14 fms*

0

~~30~~  
~~100~~

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*3.18.30**41.00**19.45 3.40.00**2.0**Good haul.**Automatic Sigs.**Hand lead.**3.22 17 fms.**3.28 17 1/2 "**3.34 19 "**3.40 16 "**(terminal)*

Point of observation, 871, 1.0'

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



Point, 1000, 2000, 100

<div> <div>30</div> <div>20</div> <div>10</div> <div>0</div> </div>		2500	<div> <div>Fish</div> <div>Sample</div> </div>
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

not  
22 W 11

No. *Dr 4002* Date *July 2 1882*

Machine. *by* Reel. *by*

Turns *Cor. + 50* Depth *17 fms*

Shot or lead *14 lbs*

Bottom *stK -*

Bottom temperature

No. of thermometer *not used* Cor.

Corrected temperature

Air *52°* Surface *54°* Drift *5/10'*

Trawl or dredge *9'*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>14-13 =</i>		0	<i>11 5 15</i>	
		35		
		50	<i>12 50</i>	
		200		
		300	<i>12 50</i>	
<i>4 19.00 15 fms</i>		400		
<i>4 20.00 14 1/2 "</i>		500		
<i>4 21.10 13 "</i>		600		
<i>4 35 12 1/2 "</i>		700		
<i>39.30 12</i>		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Unit 3, S 15° 48', 12 1/10'

OK  
12/10

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

S.F. (Name)  
Survey 1918

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4273*. Date *6 Aug. 1882*

Tanner Machine. Reel.

Turns *35* Cor. + *1* Depth *36 fms.*~~Shot or lead~~ *26 lb*Bottom *gn. M. fm. S.*

Bottom temperature

No. of thermometer *98248* Cor.

Corrected temperature

Air *53* Surface *51* Drift *(S 17° W 8/10')*Trawl or dredge *9' Trawl, Sinkers, Tail-and-hummer weights.*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*8.42.00**8.42.50**0**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**8.42.00**8.50.00**9.13.10**9.10.20**20 min.**Fair haul; two big  
Skates, shrimp, etc.,  
among other specimens.**Several whales were**seen all around the  
vessel.*

*When lead struck  
bottom - at 35 turns -  
wire flew off the  
reel, kinked, and  
snapped. Lost a  
26 lb lead, thermo.  
etc. etc., and  
36 fms. sounding  
wire (= 25 fms.)*

*Went back to  
reel,  
connection & S  
623 fms.*

United States, Pacific Ocean  
 Cape Mendocino, 541970, 7/10

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
6.00	3800	
3.5	3900	
6.15	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. Dr. 4274 Date 6 Aug. 1903

Kinney Machine. Reel.

Turns 29 Cor. + 2 Depth 41

~~Shot or lead~~ 26 X

Bottom gr. M. fm. S.

Bottom temperature

No. of thermometer	No thermos.	Cor.
--------------------	-------------	------

*Corrected temperature*

Air 52° Surface 51° Drift

Trawl or dredge 9' Tur. as before

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9. 2.00	9. 42.05	0	1. 5. 30	9. 45. 20
9. 12.25	9. 12. 20	25	9. 22.05	9. 42. 20
		200		
200		300	20 - min.	
400		400		
500		500	Fair lead; 20	
		600	crab, fishes, shrimps,	
		700	etc.	
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pape Blotok, 5440 ft, 6-3-10

52  
112.0

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

615  
39  
176

8  
6  
2

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1257 Date 6 Feb. 1902.

Tanner Machine. Reel.

Turns 34 Cor. + 1 Depth 35 fms.

~~Shot or lead~~ 26 lb

Bottom gn. M. S.

Bottom temperature Therm. did not trip.

No. of thermometer 99247 Cor.

Corrected temperature

Air 53° Surface 51° Drift 6/10'

Trawl or dredge 9' Tanner as before

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

9.46.20 9.47.20

9.46.40 9.47.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

C. 12.00 10.23.00

C. 12.00 10.20.20

24 min

Thin sand, small shells, etc.

Also note end of  
No. 4274

Cape Akutan, 54° 16', 55° 10'

	2500	
	2600	
612	2700	
27	2800	505000 1200
27	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
615 - 8	3900	
34	4000	
551		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *H. 4778* Date *6 Aug. 1903*  
*Tanner* Machine. Reel.

Turns *35* Cor. + *1* Depth *36 fms.*

~~Shot~~ lead *26 lb*

Bottom *gn. M. S.*

Bottom temperature *44.2*

No. of thermometer *98247* Cor. *+0.2*

Corrected temperature *44.4°*

Air *√2* Surface *√1* Drift

Trawl or dredge

*Am.* SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>10.23.00</i>	<i>10.24.00</i>	0		
<i>10.23.25</i>	<i>10.23.30</i>	100		
		200		
<i>Alter marks end of Dr. 4275.</i>		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Alitak, SW,  $4\frac{7}{10}$ '

51C  
HOB.  
-9

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

FC Survey 1900

615  
35  
580

8  
6  
2

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4276*, Date *6 Aug., 1903.*

Tanner Machine. Reel.

Turns *21* Cor. + *1* Depth *22 fms.*Shot or lead *26 lb*Bottom *fine S. M.*Bottom temperature *T. did not trip*No. of thermometer *98247* Cor.

Corrected temperature

Air *55°* Surface *52°* DriftTrawl or dredge *9' Tanner as before.**Am.* SOUNDING WIRE.

DOWN.	UP.	TURNS.
<i>10.54.55</i>	<i>10.55.50</i>	<i>0</i>
<i>10.55.20</i>	<i>10.55.15</i>	<i>50</i>
		<i>100</i>
		<i>200</i>
		<i>300</i>
		<i>400</i>
		<i>500</i>
		<i>600</i>
		<i>700</i>
		<i>800</i>
		<i>900</i>
		<i>1000</i>
		<i>1100</i>
		<i>1200</i>
		<i>1300</i>
		<i>1400</i>
		<i>1500</i>
		<i>1600</i>
		<i>1700</i>
		<i>1800</i>
		<i>1900</i>
		<i>2000</i>
		<i>2100</i>
		<i>2200</i>
		<i>2300</i>
		<i>2400</i>

*Am.* DREDGE ROPE.

DOWN.	UP.
<i>11.00.15</i>	<i>11.25.20</i>
<i>02.20</i>	<i>11.23.15</i>

*20 min**fair haul; a  
monster crab,  
some fishes, etc.*

Cape Altitak, N 88° W, 4.0'

OK  
HVB

February  
1900

615	-	8
21	-	7
<hr/>		
594		1